

Product datasheet for **RC220465L4V**

GXYLT1 (NM_173601) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GXYLT1 (NM_173601) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GXYLT1
Synonyms:	GLT8D3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173601
ORF Size:	1320 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220465).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_173601.1
RefSeq Size:	7509 bp
RefSeq ORF:	1323 bp
Locus ID:	283464
UniProt ID:	Q4G148
Cytogenetics:	12q12
Protein Families:	Transmembrane
MW:	50.6 kDa


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Gene Summary:

GXYLT1 is a xylosyltransferase (EC 2.4.2.-) that adds the first xylose to O-glucose-modified residues in the epidermal growth factor (EGF; MIM 131530) repeats of proteins such as NOTCH1 (MIM 190198) (Sethi et al., 2010 [PubMed 19940119]).[supplied by OMIM, Mar 2010]